EXHIBIT A

Form PTO-1449

.S. Department of Commerce Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Application Number	09/888,963 938
Filing Date	June 25, 2001
First Named Inventor	Graham P. Allaway et al.
Art Unit	
Examiner Name	
Attorney Docket No.	50875-DA/JPW/AG/LAD

Examiner Initials*	Cite No.1		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		U.S. 6,258,527	07-10-2001	D. Littman et al.
		U.S. 6,258,782	07-10-2001	S. Barney et al.
		U.S. 6,692,745	02-17-2004	W.C. Olson et al.
		U.S. 6,972,126	12-06-2005	G.P. Allaway et al.
	-	U.S. 5,939,320	08-17-1999	D. Littman et al.
		U.S. 5,126,433	12-21-1989	P.J. Maddon et al.
		U.S. 5,071,964	12-10-1991	M. Dusting et al.
		U.S. 5,091,513	02-25-1992	J. Huston et al.
		บ.S. 5,215,913	06-01-1993	M.R. Posner et al.
		U.S. 5,225,539	07-06-1993	G. P. Winter et al.
		U.S. 5,603,933	2-18-1997	V.A. Dwyer et al.
		U.S. 5,668,149	09-16-1997	S. Oroszlan et al.
		บ.S. 5,817,767	10-06-1998	G.P. Allaway et al.
-		U.S. 5,854,400	12-29-1998	T. Chang et al.
		U.S. 4,886,743	12-12-1989	L.E. Hood et al.
		U.S. 6,100,087	I	J. Rossi et al.
				G.P. Allaway et al.
		U.S. 6,930,174	08-16-2005	M. Samson et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ^{5 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		WO 92/01451	02-06-1992		
		WO 95/16789	06-22-1995		
		WO 97/28258	08-07-1997		_
		WO 98/18826	05-07-1998		
		WO 01/55439 A1	08-02-2001		
		WO 94/22477	10-13-1994		
EXAMINER			DATE CONSIDERED		

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds of Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Applicants: Graham P. Allaway et al.

Serial No.: 09/888,938 Filed: June 25, 2001

Exhibit A

Form PTO-1449		449	U.S. Department of Commerce			Application Number	09/888,963		
	Patent and Tr		rademark Office		Filing Date	June 25, 2001			
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Examiner Initials*	Cite No.1	Nun	Document Number nber-Kind Code ^{2 (If known)}	MM	lication Date I-DD-YYYY	<u> </u>	me of Patentee or Appl		ent
		u.s.	· · · · · · · · · · · · · · · · · · ·	L		V.M.	Litwin et al	•	
		U.S.	2003/0023044	01-	30-2003	Y. Li	et al.		
		u.s.	2005/0260565	11-:	24-2005	P.W.	Gray et al.		
		U.S.	2003/0166870	09-	04-2003	L. Wi	ı et al.		
		U.S.	2004/0259785	12-	23-2004	C. Co	ombadiere et a	al.	
		U.S.	2003/0195348	10-	16-2003	C. Co	ombadiere et a	al.	
		U.S.	2003/0096221	05-2	22-2003	D. Li	ttman et al.		
		U.S.	2003-0003440	01-	02-2003	L. Lo	palco et al.	· · · · · · · · · · · · · · · · · · ·	
		U.S.	2006/0029932	02-	09-2006	G.P.	Allaway et a	1.	
		U.S.	2006/0140977	06-2	29-2006	G.P.	Allaway et a	1.	
		U.S.	2002/0045161	04-1	18-2002	G.P.	Allaway et a	1.	
		U.S.	2004-0062767	04-0	01-2004	w.c.	Olson et al.	•	
		U.S.	2006-0194244	08-3	31-2006	G.P.	Allaway et a	l.	
h		U.S.	2006-0233798	10-1			Allaway et a		
									
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds of Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English Language Translation is attached.

Page 3 of 17 Application Number 09/888,963 Form PTO-1449 **U.S. Department of Commerce** June 25, 2001 Filing Date **Patent and Trademark Office** First Named Inventor Graham P. Allaway et al. INFORMATION DISCLOSURE CITATION Art Unit Examiner Name (Use several sheets if necessary) 50875-DA/JPW/AG/LAD Attorney Docket No.

Examiner Initials	Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	Abaza, M.S.I et al., (1992) "Effects Of Amino Acid Substitutions Outside An Antigenic Site On Protein Binding To Monoclonal Antibodies Of Predetermined Specificity Obtained By Peptide Immunization: Demonstration With Region 94-100 (Antigenic Site 3) Of Myoglobin", J. Prot. Chem. 11(5):433-443	
	Alexander, H. et al., (1992) "Altering The Antigenicity Of Proteins", <i>Proc. Natl. Acad. Sci.</i> 89:3352-3356	
	Alkhatib et al., (1996) Abstract At 3rd Conference On Retroviruses	
	Allan, J., (1997) "Human Immunodeficiency Virus-Related Infections In Animal Model Systems", In AIDS: Biology, Diagnosis, Treatment And Prevention, 4th Edition, Lippincott-Raven Publishers, Philadelphia, Pp 15-27	
	Allaway, G.P. et al., (1993) "Synergistic Inhibition Of HIV-1 Envelope-Mediated Cell Fusion By CD4-Based Molecules In Combination With Antibodies To gp120 Or gp41", AIDS Res Hum Retroviruses 9:581-587	
	Allaway, G.P. et al., (1995) "Expression And Characterization Of CD4-IgG2, A Novel Heterotetramer That Neutralizes Primary HIV Type 1 Isolates", AIDS Res Hum Retrovirus 11:533-539	
	Amara, A. et al., (1997) "HIV Coreceptor Downregulation As Antiviral Principle: SDF- 1α -Dependent Internalization Of The Chemokine Receptor CXCR4 Contributes To Inhibition Of HIV Replication", J. Exp. Med. 186:139-146	
	Arthos, J. et al., (1989) "Identification Of The Residues In Human CD4 Critical For The Binding Of HIV". <i>Cell</i> 57:469-481	
	Ashorn, P.A. et al., (1990) "Human Immunodeficiency Virus Envelope Glycoprotein/CD4 Mediated Fusion Of Nonprimate Cells With Human Cells", J. Virol. 64:2149-2156	
	Attanasio, R. et al., (1991) "Anti-Idiotypic Antibody Response To Monoclonal Anti-CD4 Preparations In Nonhuman Primate Species", J. Immunol. 146:507-514	
	Baba, M. et al., (1988) "Mechanism Of Inhibitory Effect Of Dextran Sulfate And Heparin On Replication Of Human Immunodeficiency Virus In Vitro", Proc. Natl. Acad. Sci. 85:6132-6136	
	Back, D.J., (1999) "Pharmacological Issues Relating To Viral Resistance", Infection 27(Suppl. 2):S42-S44	
	Baulerle, P.A. And Huttner, W.B., (1987) "Tyrosine Sulfation Is A Trans-Golgi-Specific Protein Modification", Cell. Biol. 105:2655-2663	

EXAMINER SIGNATURE DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a checkmark here if English language Translation is attached.

Page 4 of 17 09/888,963 Application Number Form PTO-1449 **U.S. Department of Commerce** Filing Date June 25, 2001 **Patent and Trademark Office** First Named Inventor Graham P. Allaway et al. INFORMATION DISCLOSURE CITATION Art Unit (Use several sheets if necessary) Examiner Name Attorney Docket No. 50875-DA/JPW/AG/LAD NON PATENT LITERATURE DOCUMENTS Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner No.1 item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), Initials publisher, city and/or country where published. Benet et al. (1990) "Pharmacokinetics: The Dynamics Of Drug Absorption, Distribution And Elimination" In *Goodman* Gilman's The Pharmacological Basis Of Therapeutics, Gilman Et El., Eds. Pergamon Press, New York, Pp 3-32 Berger, E.A. et al (1996) Abstract No. 002, 8 At Keystone Symposium Berger, E.A., (1997) "HIV Entry And Tropism: The Chemokine Receptor Connection" AIDS 11(Suppl A):S3-S16 Bieniasz, P.D. et al., (1997) "HIV-1 Induced Cell Fusion Is Mediated By Multiple Regions Within Both The Viral Envelope And The CCR5 Co-Receptor", EMBO 16:2599-2609 Blanpain, C. et al., (1999) "Multiple Charged And Aromatic Residues In CCR5 Amino-Terminal Domain Are Involved In High Affinity Binding Of Both Chemokines And HIV-1 Env Protein", Biol. Chem. 274:34719-34727 Brelot, A. et al., "Role Of The First And Third (1997) Extracellular Domains Of CXCR4 In Human Immunodeficiency Virus Coreceptor Activity", J. Virol. 71:4744-4751 Broder, C.C. et al., (1993) "7 Glycoprotein-Mediated Membrane (1993) "The Block То HIV-1 Envelope Fusion In Animal Cells Expressing Human CD4 Can Be Overcome By A Human Cell Component(s)", Virol. 193:483-491 Broder, C.C. et al., (1996) "HIV And The 7-Transmembrane Domain Receptors", Pathobiology 64(4):171-179 Burkly, L. et al., (1995) "Synergistic Inhibition Of Human Immunodeficiency Virus Type 1 Envelope Glycoprotein-Mediated Cell Fusion And Infection By An Antibody To CD4 Domain 2 In Combination With Anti-gp-120 Antibodies", J. Virol. 69:4267-4273 Burton, D.R. et al., (1994) "Efficient Neutralization Of Primary Isolates Of HIV-1 By A Recombinant Human Monoclonal Antibody", Science 266:1024-1027 Busso, M. et al., (1991) "HIV-Induced Syncytium Formation Requires The Formation Of Conjugates Between Virus-Infected And Uninfected T-Cells In Vitro", AIDS 5:1425-1432

EXAMINER SIGNATURE DATE CONSIDERED

Site", Cell 60:747-754

AIDS Therapy",

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a checkmark here if English language Translation is attached.

Nature 337:525-531

Camerini, D. et al., (1990) "A CD4 Domain Important For HIV-Mediated Syncytium Formation Lies Outside The Virus Binding

Capon, D.J. et al., (1989) "Designing CD4 Immunoadhesions For

Form PTO-144		9 U.S. Department of Commerce	Application Number	Page 5 of 1 09/888,963	
I		Patent and Trademark Office	Filing Date	June 25, 2001	
		ratent and Trademark Office		Graham P. Allawa	v et al
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Initials	No.1	item (book, magazine, journal, serial, symposium, catalo publisher, city and/or counti	og, etc.) date, page(s), volum		1
		Chams, V. et al., (1992) "Simple A			
		Of Interaction Between The Hu		_	
		Envelope Glycoprotein And Its		ptor, CD4",	
		Antimicrob Agents Chemother. 36(2):262-212	nt Conitu In	
		Chan, D.C. et al., (1998) "Evidend The Coiled Coil Of HIV Type 1			
		Target", Proc. Natl. Acad. Sci. 9		racerve brag	
		Chan, D.C. et al., (1998) "HIV Ent		oition". Cell	
		93:681-684	,	, , , , , , , , , , , , , , , , , , , ,	
		Charo, I.F. et al., (1994) "Molec			
		Expression Of Two Monocyte Chemoat			
		Reveals Alternative Splicing Of T		inal Tails",	
		Proc. Natl. Acad. Sci. 91:2752-27		G	
		Chen, Z. et al., (1997) "Geneti Simian Immunodeficiency Virus Us			
		Entry", J. Virol. 71(4):2705-2714		receptor ror	
			"Soluble CD4	Blocks The	<u> </u>
		Infectivity Of Diverse Strains Of	HIV And SIV For	T Cells And	
		Monocytes But Not For Brain And Mu	ıscle Cells", Nat	ure 337:368-	
		370	·····		
		Clapham, P.R. et al., (1991) Requirements For The Infection Of	"Specific Co		
		Immunodeficiency Virus Types 1 And			
}		Virus", Virol. 181:703-715	Z by Simian imm	niodericiency	
	-	Co. M.S. et al., (1991) "Humaniz	ed Antibodies F	or Antiviral	
		Therapy" Proc. Natl. Acad. Sci. 88			
		Combadiere, C. et al., (1995)	"Cloning And	Functional	
		Expression Of A Human Eosinophil	CC Chemokine R	eceptor", J.	
		Biol. Chem. 270:16941-16494			
		Combadiere, C. et al., (1996)			
		Expression Of CC CKR5, A Human Mon			
		Selective For MIP-1 α , MIP-1 β , And $60:147-152$	d RANTES", J. L	eukoc. Bioi.	
		Connor, R.I. et al., (1997) "	Change In Co-R	eceptor Use	
*		•	ession In HIV	- 1	
		Individuals", J. Exp. Med. 185:621			
Ţ		Cormier, E. G. et al., (2000) "S			
		Amino-Terminal Domain Peptides Cor			
		HIV-1 Envelope Glycoprotein gp12 97:5762-5767	u", Proc. Natl.	Acad. Sci.	
		Crowe, S.M. et al., (1992) "Hun	nan Immunodefici	ency Virus	
[Infected Monocyte-Derived Macrophage			
		Fuse With CD4 Lymphoid Cells In Vi			
		T Lymphocyte Depletion In Vivo",			
		65(2):143-151			

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449		9 U.S. Department of Commerce	Application Number	Page 6 09/888,963	
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Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), item (book, magazine, journal, serial, symposium, cata publisher, city and/or count	log, etc.) date, page(s), volu		T ²
		Crump, M.P. et al., (1997) "Solu	tion Structure mal-Cell Derive	ed Factor-1:	
		Cushman, M. et al., (1991) "Prepar Of Aurintricarboxylic Acid Frac Correlation Of Antiviral Potency Med. Chem. 34:329-337	tions And Analo With Molecular	ogues: Direct Weight", <i>J</i> .	
		Dalgleish, A.G. et al., (1984) Essential Component Of The Recep Nature 312:763-766	tor For The AID	S Retrovirus"	
		Dalgleish, A.G., (1995) "HIV And	CD26", Nat. Med	. 1:881-882	
		De Rossi, A. et al., (1995) "Principle Neutralizing Domain Of Type 1 (HIV-1) Enhance HIV-1 Infe Mechanism", Virology 184:187-196	Human Immunodef ction Through A	iciency Virus CD4-Dependent	
		Deen, K.C. et al., (1988) "A Sol Inhibits AIDS Virus Infection", A			
		Deng, X. et al., (1999) "A Synthet Immunodeficiency Virus Type 1 Expression And Function Of Chemok In Monocytes By Activating The Coupled Receptor FPRL1/LXA4R", Bl	gp120 Downrokine Receptors C 7-Transmembrar 100d 94(4):1165-	egulates The CR5 And CXCR4 ne G-Protein- 1173	
		Dettin, M. et al., (2003) "CCR5 N HIV-1 Infection By CXCR4 Up-Regula Commun. 307(3)640-646	ation", Biochem.	Biophys. Res.	
		Dikic, I., (1996) "Regulation Of Receptors". Acta Med. Croatica 5	HIV-1 Infection 0:163-168	By Chemokine	
		Dimitrov, D.S. et al., (1991) "Ini Glycoprotein-Mediated Cell Fusio Based On Redistribution Of Fluo	n Monitored By	A New Assay	

EXAMINER DATE CONSIDERED SIGNATURE

4:72-77

Retroviruses 7(10):799-805

Acad. Sci. 95(9):5241-5245

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a checkmark here if English language Translation is attached.

Ditzel, H.J. et al., (1998) The CCR5 Receptor Acts As An Alloantigen In CCR5A32 Homozygous Individuals: Identification Of Chemokine And HIV-1 Blocking Human Antibodies", Proc. Natl.

Donzella, G.A. et al., (1998) "AMD3100, A Small Molecule Inhibitor Of HIV-1 Entry Via The CXCR4 Co-Receptor", Nat. Med.

Form PTO-1449		9 U.S. Department of Commerce	Application Number	Page 7 09/888,963	<u> </u>
		Patent and Trademark Office	Filing Date	June 25, 2001	
			First Named Inventor	Graham P. Allawa	v et al.
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		,	Attorney Docket No.	50875-DA/JPW/AC	G/LAD
		NON PATENT LITERATURE			
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), ti item (book, magazine, journal, serial, symposium, catalo publisher, city and/or countr	og, etc.) date, page(s), volu		T ²
		Doranz, B.J. et al., (1997) "Two Mediate Co-Receptor Usage By Human 1", J. Virol. 71:6305-6314	n Immunodeficien	cy Virus Type	
		Dragic, T. et al., (1992) "Complem Human Immunodeficiency Virus Enve Human/Murine Heterokaryons", J. V	elope/CD4-Mediat irol. 66(8):4794	ed Fusion In 1-4802	
			Different Requirement The Envelopes and 2", J. Virol.	of Human	
		Dragic, T.V. et al., (1995) "Problems Human Erythrocyte Membranes Mediat Cells Expressing Human Immunodefi Glycoproteins", J. Virol. 69:1013	te CD-4 Dependen ciency Virus Typ	t Fusion With	
		Dragic, T.V. et al., (1998) "Amin The CCR5 Coreceptor Impair Immunodeficiency Virus Type 1 Ent	no-Terminal Subs gp120 Binding ry" J. Virol. 72	And Human 2(1):279-285	
		Dragic, T.V. et al., (2000) "A Molecule Inhibitor Of HIV-1 Ent Helices Of CCR5", <i>Proc. Natl. Aca</i>	ry Within The S d. Sci. 97(10):5	Transmembrane 6639-5644	
		Ebadi, M., (1998) "The Pharmacokir In CRC Desk Reference Of Clinical Boca Raton, Pp. 1-7	Pharmacology, C	RC Press LLC,	
		Eckert, D.M. et al., (1999) "Inhik Of D-Peptide Inhibitors That To Pocket", <i>Cell</i> 99:103-115	arget The gp41	Coiled-Coil	
		Farzan, M. et al., (1998) "A Tyr Terminus Of CCR5 Is Important For Type 1 Entry And Mediates Associat J. Virol. 72:1160-1164	Human Immunodef	iciency Virus	
		Farzan, M. et al., (1999) "Tyros Terminus Of CCR5 Facilitates HIV-	1 Entry", Cell 9	6:667-676	
}		Farzan, M. et al., (2000) "A Tyros			

DATE CONSIDERED

Entry", J. Biol. Chem. 275:33416-33521

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a checkmark here if English language Translation is attached.

The HIV-1 gp 120 Envelope Glycoprotein And Inhibits HIV-1

Feng, Y. et al., (1996) Abstract No. 116,21 At Keystone

Ferrer, M. et al., (1999) "Selection Of gp-41 Mediated HIV-1 Cell Entry Inhibitors From Biased Combinatorial Libraries Of Non-Natural Binding Elements", Nature Struct. Biol. 6:953-959

Page 8 of 17 U.S. Department of Commerce Application Number 09/888,963 Form PTO-1449 June 25, 2001 Filing Date **Patent and Trademark Office** Graham P. Allaway et al. First Named Inventor INFORMATION DISCLOSURE CITATION Art Unit (Use several sheets if necessary) Examiner Name Attorney Docket No. 50875-DA/JPW/AG/LAD NON PATENT LITERATURE DOCUMENTS Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the T^2 Examiner No.1 item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), Initials publisher, city and/or country where published. Flexner, С., c. Hendrix, (1997)"Pharmacology and Antiretroviral Agents". AIDS: Biology, Diagnosis, Treatment De Vita V., et al eds., and Prevention. 4th Edition. Lippincott-Raven Publishers. Pp. 479-493 Fouchier, R.A. et al., (1994) "HIV-1 Macrophage Tropism Is Determined At Multiple Levels Of The Viral Replication Cycle", J. Clin. Invest. 94:1806-1814 Fouts, T.R. et al., (1997) "Neutralization Of The Human Immunodeficiency Virus Type 1 Primary Isolate JR-FL By Human Monoclonal Antibodies Correlates With Antibody Binding To The Oligomeric Form Of The Envelope Glycoprotein Complex", J. Virol. 71:2779-2785 (1991) "Identification Of Conserved Freed, E.O. et al., Residues In The Human Immunodeficiency Virus Type 1 Principal Neutralizing Determinant That Are Involved In Fusion", AIDS Res. Hum. Retroviruses. 7(10):807-811 Fradd, F. and Mary, M.E. (1989) "AIDS Vaccines: An Investor's Guide By Shearman Lehaman Hutton", Page 10 (Fig. 2) J.K. and Capra, J.D., (1999) "Immunoglobulins: Structure And Function" Fundamental Immunology, 4th Edition, Lippincott-Raven Publishers, Philadelphia, Pp. 37-74 Furuta, R.A. et al., (1998) "Capture Of An Early Fusion-Active Conformation Of HIV-1 gp41", Nature Struct. Biol. 5(4):276-279 Gait, M.J and Karn, J., (1995) "Progress In Anti-HIV Structure Based Drug Design", Trends Biotechnol. 13:430-438

EXAMINER DATE CONSIDERED SIGNATURE

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a checkmark here if English language Translation is attached.

Gauduin, M.C. et al., (1996) "Effective Ex Vivo Neutralization

Recombinant Immunoglobulin Molecules", J. Virol. 70:2586-2592 Gauduin, M.C. et al., (1997) "Passive Immunization With A Human Monoclonal Antibody Protects hu-PBL-SCID Mice Against Challenge

Ghorpade, A. et al, (1998) "Role Of The β-Chemokine Receptors CCR3 And CCR5 In Human Immunodeficiency Virus Type 1 Infection

Golding, H. et al., (1992) "LFA-1 Adhesion Molecules Are Not Involved In The Early Stages Of HIV-1 *env-*Mediated Cell Membrane Fusion", AIDS Res. Hum. Retroviruses 8:1593-1598 Graham, B.S. et al., (1995) "Candidate AIDS Vaccines", Engl. J. Med. 333:1331-1339

Of Human Immunodeficiency Virus Type 1 in

By Primary Isolates Of HIV-1", Nat. Med. 3:1389-1393

Of Monocytes And Microglia", J. Virol. 72:3351-3361

				Page 9	of 17
Form PTO-1449		9 U.S. Department of Commerce	Application Number	09/888,963	
	0-144	Patent and Trademark Office	Filing Date	June 25, 2001	
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		Grene, E. et al., (2001) "Anti-CCF Positive Individuals", Human Immus			
		Harouse, J.M. et al., (1991) "Inh Neural Cell Lines By Antibodies Ac Science, 253:320-323	gainst Galactosy	l Ceramide",	
		Harrington, R.D. And Geballe, Requirement For Human Immunodefici A CD4-Expressing Human Cell Line",		1 Entry Into	
		Heath, et al., (1997) "Chemokin Eosinophils. The Importance Of Antagonistic Monoclonal Antibody",	e Receptor Usa CCR3 Demonstrat	ge By Human ed Using An	
		Heidenreich, O. et al., (1995) Technology To Therapeutics", Mol.	Med. Today 1:12	8-133	
		Hildreth, J.E. et al., (1989) " Adhesion Receptor (LFA-1) In HIV- Science 244:1075-1078			
		Hill, C.M. et al., (1998) "The Ami Required For Its Function As A Rec Simian Immunodeficiency Virus Enve 248:357-371	ceptor For Diver	se Human And	-
		Hirsch, M.S. et al., (1997) "Anti: Biology, Diagnosis, Treatment, A Lippincott-Raven Publishers, Phila	<i>nd Prevention,</i> adelphia, Pp. 49	4th Edition, 5-508	4
		Howard, O.M.Z. et al., (1998) "Sma 1 Cell Fusion Blocks Chemokine Rec Leuk. Biol. 64:6-13	eptor-Mediated 1	Function", J.	
		Hwang, S. et al., (1991) "Identi Loop As The Primary Determinant Science 253:71-74	Of Cell Tropis	m In HIV-1,"	
		Jacobson, J.M. et al., (1993) "P Treatment Of Advanced Human Immund J. Infect. Dis. 168:298-305	deficiency Virus	Infection",	
		Jacobson, J. et al., (1999) "Res Single-Dose PRO 542, A Novel			

DATE CONSIDERED

Agents And Chemotherapy 14

Nature 365: 113

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a checkmark here if English language Translation is attached.

Abstracts Of The 39th Interscience Conference On Antimicrobial

Ji, H. et al., (1999) "Inhibition Of Human Immunodeficiency Virus Type 1 Infectivity By The gp41 Core: Role Of A Conserved Hydrophobic Cavity In Membrane Fusion", *J. Virol* 73:8578-8586 Jiang, S. et al., (1993) "HIV-1 Inhibition By A Peptide",

Page 10 of 17 09/888,963 Application Number **U.S. Department of Commerce** Form PTO-1449 June 25, 2001 Filing Date **Patent and Trademark Office** First Named Inventor Graham P. Allaway et al. Art Unit INFORMATION DISCLOSURE CITATION Examiner Name (Use several sheets if necessary) 50875-DA/JPW/AG/LAD Attorney Docket No. NON PATENT LITERATURE DOCUMENTS T² Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), No.1 Initials publisher, city and/or country where published. et al., (1991) "Passive Immunization For The Karwowska, S. Treatment And Prevention Of HIV Infection", Biotech. Therap. 2:31-48 Katinger, H., (1994) "Human Monoclonal Antibodies For Passive Immunotherapy Of HIV-1" Antibiot. Chemother. 46:25-37 Keller, P.M. et al., (1977) "A Fluorescence Enhancement Assay Of Cell Fusion" J. Cell Sci. 28:167-177 Kilby, J.M. et al., (1998) "Potent Suppression Of Replication In Humans By T-20, A Peptide Inhibitor Of ${ t gp41-}$ Mediated Virus Entry", Nat. Med. 4:1302-1307 Konigs, C. et al. (2000) "Monoclonal Antibody Screening Phage-Displayed Random Peptide Library Reveals Mimotopes Of Chemokine Receptor CCR5: Implications For The Tertiary Structure Of The Receptor And For An N-Terminal Binding Site For HIV-1 gp120", Eur. J. Immnol. 30(4):1162-1171 Konishi, K. et al., (2000) "Synthesis Of Peptides Mimicking Chemokine Receptor CCR5 And Their Inhibitory Effects Against HIV-1 Infection", Chem. Pharm. Bull (Tokyo) 48(2):308-309 Koup, R.A. et al., (1996) "Defining Antibody Protection Against HIV-1 Transmission In Hu-PBL-SCID Mice", Immunology. 8:263-268 Kwong P.D. et al., (1998) "Structure Of An HIV gp120 Envelope Glycoprotein In Complex With The CD4 Receptor And Neutralizing Human Antibody", Nature 393:648-659 Laal, S. et al., (1994) "Synergistic Neutralization Of Human Immunodeficiency Virus Type 1 By Combinations Monoclonal Antibodies", J. Virol 68:4001-4008 Lacasse, R.A. et al., (1999) "Fusion-Competent Vaccines: Neutralization Of Primary Isolates Of HIV*", Science* 283:357-362 et al., (1999) "Epitope Mapping Of CCR5 Reveals Multiple Conformational States And Distinct But Overlapping Structures Involved In Chemokine Coreceptor Function", J. Biol. Chem. 274:9617-9626 Lehner, T. et al., (2001) "Immunogenicity Of The Extracellular Domains Of C-C Chemokine Receptor 5 And The In Vitro Effects On

EXAMINER SIGNATURE DATE CONSIDERED

Res. Hum. Retroviruses 13:647-56

166(12):7446-7455

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a checkmark here if English language Translation is attached.

Simian Immunodeficiency Or HIV Infectivity", J. Immunol.

Li, A. et al., (1997) "Synergistic Neutralization Of A Chimeric SIV/HIV Type 1 Virus With Combinations Of Human Anti-HIV Type 1 Envelope Monoclonal Antibodies Or Hyperimmune Globulins", AIDS

				Page 11	of 17
Form PT	O-144	9 U.S. Department of Commerce	Application Number	09/888,963	
Patent and Trademark Offic			Filing Date	June 25, 2001	
			First Named Inventor	Graham P. Allawa	y et al.
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		NON PATENT LITERATURE	DOCUMENTS		
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), ti item (book, magazine, journal, serial, symposium, catalo publisher, city and/or countr	og, etc.) date, page(s), volur y where published.	ne-issue number(s),	T ²
		Li, A.H. et al., (1998) "Synergist Human Immunodeficiency Virus SHIV-Combination Of Human Monoclonal Antihuman Immunodeficiency Virus Virol. 72:3235-3240	Vpu+ By Triple A Antibodies And	And Quadruple d High-Titer	
		Mack, M. et al., (1998) "Aminooxy Internalization But Inhibits Rec Mechanisms Of HIV Infectivity", J.	ycling: A Nove . Exp. Med. 187:	l Inhibitory 1215-1224	
	-	Maddon, P.J. et al., (1986) "The Te Receptor And Is Expressed In The I Cell 47:333-348			
		Markosyan, R.M. et al., (2002) "Th HIV-1 Entry Env-Mediated Cell-Cell Of gp41 Ectodomain", Virology 302:	Fusion By Recor		
		Mateu, M.G. et al. (1992) "Non-A Amino Acid Substitutions On Ant European J. Immunol. 22(6):1385-13	igen-Antibody F		
		Max, E., "Immunoglobulins: Molec			
		Mellors, J.W., (1996) "Closing In Virus-1", <i>Nat. Med</i> . 2(3):274-275	n On Human Immu	nodeficiency	
		Mitsuya, H. et al., (1985) "Pro Infectivity And Cytopathic Effec Retroviruses In Human Lymphoma Leu Tokyo/VNU Science Press, Utrecht B	ct Of HTLV-III <i>kemia</i> Japan Sci,	In Vitro",	
		Mittler, R.S. et al. (1989) "Syne gp120-Specific Antibody In Blockin Science 245:1380-1382	rgism Between H g Human T. Cell	Activation",	
		Mohan, P. et al., (1992) "Sulfonic Of Human Immunodeficiency Virus 18:139-150	Inhibitors", An	tiviral Res.	
		Nagasawa, T. et al., (1994) "Molecu	lar Cloning And	Structure Of	

DATE CONSIDERED

Sci. 91:2305-2309

Infect. Dis. 183:1121-1125

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a checkmark here if English language Translation is attached.

A Pre-B-Cell Growth-Stimulating Factor", Proc. Natl. Acad.

Nagashima, K.A. et al., (2001) "Human Immunodeficiency Virus Type 1 Entry Inhibitors PRO 542 And T-20 Are Potently Synergistic In Blocking Virus-Cell And Cell-Cell Fusion", J.

				Page 12 of
Form PT	·O-144	9 U.S. Department of Commerce	Application Number	09/888,963
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		Tatent and Trademark Office	First Named Inventor	Graham P. Allaway et al
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		NON PATENT LITERATURE		
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		Nakano, T. et al., (1995) "Vascula Gla-Containing Growth-Potentiating	r Smooth Muscle	Cell-Derived, +)-Mobilizing
		Grawth Factors", J. Biol. Chem. 2	70(11):5702-5705	5
		Neote, K. et al., (1993) "Mol Expression, And Signaling Charact Receptor", <i>Cell</i> 72:415-425		
		O'Brien, W.A. et al., (1990) "HI Phagocytes Can Be Determined By Re CD4-Binding Domain", Nature 348:6	gions Of gp120 O	Mononuclear utside Of The
		Oberg, B. and Vrang, L., (1990) Eur. J. Clin. Microbiol. Infect.	"Screening For	
		Oppermann, M. (2004) "Chemokine R Structure, Function, And Regulati 1210	on", Cell. Sign	nal. 16:1201-
		, ,	athogenic R5 nm Levels Givi	Simian/Human
		Partidos, C. et al., (1992) "Th Epitopes On The Immunogenicity Of Representing Measles Virus Pro Immunology 29(5):651-658	Chimeric Synthe	etic Peptides
		Peden, K. et al., (1991) "Chang Passage In Tissue Culture Of Viru Molecular Clones Of HIV-1LAI, HIV 185:661-672	ises Derived Fro	m Infectious
		Posner, M.R. et al., (1993) "Neutr Human Monoclonal Antibody To The C Acq. Immune Defic. Synd. 6:7-14	D4 Binding Site	Of gp120", J.
		Power, C.A. et al., (1995) "Molec Expression Of A Novel CC Chemokin		

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a checkmark here if English language Translation is attached.

Basophilic Cell Line", *J. Biol. Chem.* 270:19495-19500

Potent Antagonist", J. Biol. Chem. 271:2599-2603 Proudfoot, A.E. et al., (1999) "Chemokine Receptors:

Proudfoot, A.E. et al., (1996) "Extension Of Recombinant Human RANTES By The Retention Of The Initiating Methionine Produces A

Therapeutic Targets For HIV?", Biochem. Pharmacol. 57:451-463

Proudfoot, A.E. et al., (2000) "The Strategy Of Blocking The Chemokine System To Combat Disease", Immunol. Rev. 177:246-256

				Page 13	of 17
Form PT	0-144	9 U.S. Department of Commerce	Application Number	09/888,963	
	.	Patent and Trademark Office	Filing Date	June 25, 2001	
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Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), tititem (book, magazine, journal, serial, symposium, catalo publisher, city and/or country	tle of the article (when app	ropriate), title of the ne-issue number(s),	T ²
		Queen, C. et al., (1989) "A Human The Interleukin 2 Receptor", <i>Proc</i> 10033	ized Antibody T		
		Differently Impair Entry Of Macrop Of Human Immunodeficiency Virus Typ	o-Terminal Doma hage And Dualtro pe 1", J. Virol.	ain Of CCR5 opic Isolates 72:3464-3468	
		Richman, D.D., (1996) "Antiro Mechanisms, Pathogenesis, Clinic Chemother. 4:383-395			•
		Rodriguez, G. et al (1995) "Mediat: Virus Type 1 Binding By Interact: Sulfate Proteoglycans With V3 Regi J. Virol. 69:2233-2239	ion Of Cell Sur ion Of Envelope	face Heparin gp120-gp41",	
		Rucker, J. et al., (1996) "Region CCR5 And CCR2b That Determine HIV-1 87:437-446	l Cofactor Speci	ficity", Cell	
		Ruffing, N. et al., (1998) "CCR5 Har Repertoire And Is The Primary Activated T-Cells", Cell. Immunol.	Receptor Used 189:160-168	By MCP-2 On	
		Rudikoff, S. et al., (1982) "Sing Altering Antigen-Binding Specifici 79:1979-1983			
		Rusche, J.R. et al., (1988) "Antib Human Immunodeficiency Virus-Infe Acid Sequence Of The Viral Envelor Sci. 85:3198-3202	cted Cells Bind	d A 24-Amino	
		Sagg, M. (1997) "Clinical Spectro Virus Diseases" <i>AIDS: Biology,</i> <i>Prevention,</i> Lippincott-Raven Publis 213	Diagnosis, Tr	ceatment And	
		Sandstorm, E.G. And Kaplan, J.C., AIDS: Clinical Pharmacological : Experience To Date", <i>Drugs</i> 34:372-	Properties And 390	Therapeutic	
		Sato, A.I. et al., (1992) "Anti- Induced Syncytium Formation," Inter 81. PA5 Poa 2017	rnational Confer	ence On AIDS.	
		Sato, A.I. et al., (1994) "Identif As An Accessory Molecule In HIV-1 : And Cell Free Infection", <i>J. Immun</i>	Mediated Syncyti	ium Formation	

Compounds In Mice", Antivir. Res. 27:151-163 DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a checkmark here if English language Translation is attached.

Sato, A.I. et al., (1995) "A Simple And Rapid Method For Preliminary Evaluation Of In Vivo Efficacy Of Anti-HIV

Patent and Trademark Office Filing Date First Named Inventor Graham P. Allaway et al Art Unit (Use several sheets if necessary) Examiner Name Attorney Docket No. 50875-DA/JPW/AG/LAI NON PATENT LITERATURE DOCUMENTS	Form PTO-1449 U.S. Department of Commer			Application Number	Page 14 of 1 09/888,963	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, pages(s), volume-issue number(s), publisher, city and/or country where published. Time (book, magazine, journal, serial, (1995) Characterization Of Human CD7	rotin r i	U-144;	-			
NON PATENT LITERATURE DOCUMENTS			Tatent and Trademark Office			v et al
NON PATENT LITERATURE DOCUMENTS Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. Schanberg, L.W. et al., (1993) "Characterization Of Human CD7 Transgenic Mice", J. Of Immunol. 155: 2407-2418 Schmidtmayerova, H. et al., (1993) "Characterization Of Human CD7 Transgenic Mice", J. Of Immunol. 155: 2407-2418 Schmidtmayerova, H. et al., (1993) "Characterization Of HIVIPAR, A Macrophage-Tropic Strain: Cell Tropism, Virus/Cell Entry And Nucleotide Sequence Of The Envelope Glycoprotein. Research In Virology 144(1):21-26 Schols, D. et al., (1990) "Dextran Sulfate And Other Olyanionic Anti-HIV Compounds Specifically Interact With The Viral gp120 Glycoprotein Expressed By T-Cells Persistently Infected With HIV-1", Virol. 175:556-561 Schols, D. et al., (1991) "Selective Inhibitory Activity Of Polyhydroxycarboxylates Derived From Phenolic Compounds Against Human Immunodeficiency Virus Replication", J. Acq. Immune Defic. Synd. 4:677-685 Schols, D. et al., (1999) "CD26-Processed RANTES(3-68), But Not Intact RANTES, Has Potent Anti-HIV-1 Activity", Antiviral Res. 30:175-187 Sinangil, F. et al., (1988) "Quantitative Measurement Of Fusion Between Human Immunodeficiency Virus And Cultured Cells Using Membrane Fluorescence Dequenching", FEB 239(1):88-92 Sommerfelt, M.A. et al., (1995) "Intercellular Adhesion Molecule 3, A Candidate Human Immunodeficiency Virus Type 1 Co-Receptor On Lymphoid And Monocytoid Cells", J. Gen. Virol. 76:1345-1352 Stein, D.S. et al., (1993) "Immune-Based Therapeutics: Scientific Rationale And Promising Approaches To The Treatment Of The Human Immunodeficiency Virus-Infected Individual", Clin. Infect. Dis. 17:749-771 Steinberger, P. et al., (2000) "Generation And Characterization Of A Recombinant Human CCR5-Specific Antibody", J. Biol. Chem. 275:36073	INICODA	(ATIO	N DISCLOSURE CITATION		Orania I Villa Way	y ct ai.
Examiner Initials No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Initials No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Initials No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Initials No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Initials No. Initials Initials No. I					 	
NON PATENT LITERATURE DOCUMENTS Examiner Initials Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. Schanberg, L.W. et al., (1995) "Characterization Of Human CD7 Transgenic Mice", J. Of Immunol. 155: 2407-2418 Schmidtmayerova, H. et al., (1993) "Characterization Of HIVI-PAR, A Macrophage-Tropic Strain: Cell Tropism, Virus/Cell Entry And Nucleotide Sequence Of The Envelope Glycoprotein. Research In Virology 144(1):21-26 Schols, D. et al., (1990) "Dextran Sulfate And Other Olyanionic Anti-HIV Compounds Specifically Interact With The Viral gp120 Glycoprotein Expressed By T-Cells Persistently Infected With HIV-1", Virol. 175:556-561 Schols, D. et al., (1991) "Selective Inhibitory Activity Of Polyhydroxycarboxylates Derived From Phenolic Compounds Against Human Immunodeficiency Virus Replication", J. Acq. Immune Defic. Synd. 4:677-685 Schols, D. et al., (1999) "CD26-Processed RANTES(3-68), But Not Intact RANTES, Has Potent Anti-HIV-1 Activity", Antiviral Res. 30:175-187 Sinangil, F. et al., (1988) "Quantitative Measurement Of Fusion Between Human Immunodeficiency Virus And Cultured Cells Using Membrane Fluorescence Dequenching", FEB 239(1):88-92 Sommerfelt, M.A. et al., (1995) "Intercellular Adhesion Molecule 3, A Candidate Human Immunodeficiency Virus Type 1 Co-Receptor On Lymphoid And Monocytoid Cells", J. Gen. Virol. 76:1345-1352 Stein, D.S. et al., (1993) "Immune-Based Therapeutics: Scientific Rationale And Promising Approaches To The Treatment Of The Human Immunodeficiency Virus Infected Individual", Clin. Infect. Dis. 17:749-771 Steinberger, P. et al., (2000) "Generation And Characterization Of A Recombinant Human CCR5-Specific Antibody", J. Biol. Chem. 275:36073-36078 Strizki, J.M. et al., (1997) "A Monoclonal Antibody (1265) Directed Against CXCR4 Inhibits Infection With The Dual-Tropic Hum	(USE SEVEL	ai sneets	ii iiccessai y)		50875-DA/JPW/AG	J/LAD
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Schanberg, L.W. et al., (1995) "Characterization Of Human CD7 Transgenic Mice", J. Of Immunol. 155: 2407-2418 Schmidtmayerova, H. et al., (1993) "Characterization Of HIVI-PAR, A Macrophage-Tropic Strain: Cell Tropism, Virus/Cell Entry And Nucleotide Sequence Of The Envelope Glycoprotein. Research In Virology 144(1):21-26 Schols, D. et al., (1990) "Dextran Sulfate And Other Olyanionic Anti-HIV Compounds Specifically Interact With The Viral gp120 Glycoprotein Expressed By T-Cells Persistently Infected With HIV-1", Virol. 175:556-561 Schols, D. et al., (1991) "Selective Inhibitory Activity Of Polyhydroxycarboxylates Derived From Phenolic Compounds Against Human Immunodeficiency Virus Replication", J. Acq. Immune Defic. Synd. 4:677-685 Schols, D. et al., (1999) "CD26-Processed RANTES(3-68), But Not Intact RANTES, Has Potent Anti-HIV-1 Activity", Antiviral Res. 30:175-187 Sinangil, F. et al., (1998) "Quantitative Measurement Of Fusion Between Human Immunodeficiency Virus And Cultured Cells Using Membrane Fluorescence Dequenching", FEB 239(1):88-92 Sommerfelt, M.A. et al., (1995) "Intercellular Adhesion Molecule 3, A Candidate Human Immunodeficiency Virus Type 1 Co-Receptor On Lymphoid And Monocytoid Cells", J. Gen. Virol. 76:1345-1352 Stein, D.S. et al., (1993) "Immune-Based Therapeutics: Scientific Rationale And Promising Approaches To The Treatment Of The Human Immunodeficiency Virus-Infected Individual", Clin. Infect. Dis. 17:749-771 Steinberger, P. et al., (2000) "Generation And Characterization Of A Recombinant Human CCR5-Specific Antibody", J. Biol. Chem. 275:36073-36078 Strizki, J.M. et al., (1997) "A Monoclonal Antibody (12G5) Directed Against CXCR4 Inhibits Infection With The Dual-Tropic Human Immunodeficiency Virus Type 1 Isolates HIV-1 89.6 But Not The T-Tropic Isolate HIV-1 Hxb", J. Virol. 71:5678-5683			Include name of the author (in CAPITAL LETTERS), ti item (book, magazine, journal, serial, symposium, catal	itle of the article (when appose, etc.) date, page(s), volu	oropriate), title of the me-issue number(s),	T ²
PAR, A Macrophage-Tropic Strain: Cell Tropism, Virus/Cell Entry And Nucleotide Sequence Of The Envelope Glycoprotein. Research In Virology 144(1):21-26 Schols, D. et al., (1990) "Dextran Sulfate And Other Olyanionic Anti-HIV Compounds Specifically Interact With The Viral gp120 Glycoprotein Expressed By T-Cells Persistently Infected With HIV-1", Virol. 175:556-561 Schols, D. et al., (1991) "Selective Inhibitory Activity Of Polyhydroxycarboxylates Derived From Phenolic Compounds Against Human Immunodeficiency Virus Replication", J. Acq. Immune Defic. Synd. 4:677-685 Schols, D. et al., (1999) "CD26-Processed RANTES(3-68), But Not Intact RANTES, Has Potent Anti-HIV-1 Activity", Antiviral Res. 30:175-187 Sinangil, F. et al., (1988) "Quantitative Measurement Of Fusion Between Human Immunodeficiency Virus And Cultured Cells Using Membrane Fluorescence Dequenching", FEB 239(1):88-92 Sommerfelt, M.A. et al., (1995) "Intercellular Adhesion Molecule 3, A Candidate Human Immunodeficiency Virus Type 1 Co-Receptor On Lymphoid And Monocytoid Cells", J. Gen. Virol. 76:1345-1352 Stein, D.S. et al., (1993) "Immune-Based Therapeutics: Scientific Rationale And Promising Approaches To The Treatment Of The Human Immunodeficiency Virus-Infected Individual", Clin. Infect. Dis. 17:749-771 Steinberger, P. et al., (2000) "Generation And Characterization Of A Recombinant Human CCR5-Specific Antibody", J. Biol. Chem. 275:36073-36078 Strizki, J.M. et al., (1997) "A Monoclonal Antibody (1265) Directed Against CXCR4 Inhibits Infection With The Dual-Tropic Human Immunodeficiency Virus Type 1 Isolates HIV-1 89.6 But Not The T-Tropic Isolate HIV-1 Hxb", J. Virol. 71:5678-5683			Schanberg, L.W. et al., (1995) "C	haracterization	Of Human CD7	
Anti-HIV Compounds Specifically Interact With The Viral gp120 Glycoprotein Expressed By T-Cells Persistently Infected With HIV-1", Virol. 175:556-561 Schols, D. et al., (1991) "Selective Inhibitory Activity Of Polyhydroxycarboxylates Derived From Phenolic Compounds Against Human Immunodeficiency Virus Replication", J. Acq. Immune Defic. Synd. 4:677-685 Schols, D. et al., (1999) "CD26-Processed RANTES(3-68), But Not Intact RANTES, Has Potent Anti-HIV-1 Activity", Antiviral Res. 30:175-187 Sinangil, F. et al., (1988) "Quantitative Measurement Of Fusion Between Human Immunodeficiency Virus And Cultured Cells Using Membrane Fluorescence Dequenching", FEB 239(1):88-92 Sommerfelt, M.A. et al., (1995) "Intercellular Adhesion Molecule 3, A Candidate Human Immunodeficiency Virus Type 1 Co-Receptor On Lymphoid And Monocytoid Cells", J. Gen. Virol. 76:1345-1352 Stein, D.S. et al., (1993) "Immune-Based Therapeutics: Scientific Rationale And Promising Approaches To The Treatment Of The Human Immunodeficiency Virus-Infected Individual", Clin. Infect. Dis. 17:749-771 Steinberger, P. et al., (2000) "Generation And Characterization Of A Recombinant Human CCR5-Specific Antibody", J. Biol. Chem. 275:36073-36078 Strizki, J.M. et al., (1997) "A Monoclonal Antibody (12G5) Directed Against CXCR4 Inhibits Infection With The Dual-Tropic Human Immunodeficiency Virus Type 1 Isolates HIV-1 89, 6 But Not The T-Tropic Isolate HIV-1 Hxb", J. Virol. 71:5678-5683			PAR, A Macrophage-Tropic Strain: C And Nucleotide Sequence Of The Env In Virology 144(1):21-26	ell Tropism, Vir velope Glycoprot	us/Cell Entry ein. <i>Research</i>	
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Scientific Rationale And Promising Approaches To The Treatment Of The Human Immunodeficiency Virus-Infected Individual", Clin. Infect. Dis. 17:749-771 Steinberger, P. et al., (2000) "Generation And Characterization Of A Recombinant Human CCR5-Specific Antibody", J. Biol. Chem. 275:36073-36078 Strizki, J.M. et al., (1997) "A Monoclonal Antibody (12G5) Directed Against CXCR4 Inhibits Infection With The Dual-Tropic Human Immunodeficiency Virus Type 1 Isolates HIV-1 89.6 But Not The T-Tropic Isolate HIV-1 Hxb", J. Virol. 71:5678-5683			Molecule 3, A Candidate Human Immu Receptor On Lymphoid And Monocyt	nodeficiency Vir	us Type 1 Co-	
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	·	_	Directed Against CXCR4 Inhibits Ir Human Immunodeficiency Virus Type The T-Tropic Isolate HIV-1 Hxb",	nfection With Th 1 Isolates HIV-1 <i>J. Virol</i> . 71:567	e Dual-Tropic 89.6 But Not 78-5683	

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Antibodies To A C-C Chemokine Receptor, CCR1, And Determination Of CCR1 Expression On Various Types Of Leukocytes" J. Leukoc.

Szabo, G. Jr. et al., (1993) "Specific Disengagement Of Cell-(Anti-Selectin)

Aurintricarboxylic Acid, Molecular Immunology 30(18):1689-1694 Thali, M. et al., (1992) "Cooperativity Of Neutralizing Antibodies Directed Against The VS And CD4 Binding Regions Of The Human Immunodeficiency Virus gp120 Envelope Glycoprotein",

Antibodies

Form PT	`O-144	9 U.S. Department of Commerce	Application Number	Page 15 09/888,963	ot 17	
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		NON PATENT LITERATURE	DOCUMENTS			
Examiner Initials	Cite No.1					
		Tilley, S. A. (1992) "Synergistic				
		Human Monoclonal Antibodies Again				
		Binding Site gp120", AIDS Resea 80:4:461-467				
		Tilley, S. A. et al., (1991) "Pote				
		Human And Chimpanzee Monoclonal				
		Three Distinct Epitope Clusters Of Cent Gardes. 211-216	gp120", Sixieme	Colloque Des		
		Travis, B.M. et al., (1992) "F	unational Polos	of mbo v3		
		Hypervariable Region Of HIV-1 gpl6 And In The Formation Of Syncytia I 186:313-317	50 In The Proces: n CD4-Positive C	sing Of gp160 ells", <i>Virol</i> .		
		Tremblay, C.L. et al. (2000) "Stro Between The Fusion Inhibitor T-2 3100.", 7th Conference On Retr Infections Abstract 500	0 And A CXCR4 oviruses And (Blocker AMD- Opportunistic		
		Tremblay, C.L. et al., (1999) "Str The Fusion Inhibitor T-20 And The	CXCR4 Blocker A			
		Acq. Immun. Defici. Synd. 25(2)99		_ 1 11 1 1 6		
		Trkola, A. et al., (2001) "Potent, Human Immunodeficiency Virus Typ Antibody PRO 140", J. Virol. 75:5"	e 1 By The CCR			
		Trkola, A et al (1999) "Cross-Clad Isolates Of Human Immunodeficien Monoclonal Antibodies And Tetra 69:6609-6617	de Neutralizatio ncy Virus Type	1 By Human		
	•	Trkola, A. et al., (1998) "Neutral Immunodeficiency Virus Type 1 Pri And CD4-based Reagents Is Independ Virol. 72:1876-1885	mary Isolates T	o Antibodies		
		Tulip, W.R. et al., (1992) "Cryst Neraminidase-Antibody Complexes W In The Interface", <i>J. Mol. Biol.</i> 2	ith Amino Acid S 227:149-159	Substitutions		
		Valentin, A. et al., (1990) Glycoprotein CD18 Participates Formation In Monocytoid And T Cel.		ed Syncytia 144:934-937		
		Valenzuela, A. et al., (1997) "Neu The V3 Loop Of Human Immunodefici				

DATE CONSIDERED

Virol. 71(11):8289-8298

Antibodies", AIDS 7:167-174

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a checkmark here if English language Translation is attached.

CD4-Dependent And Independent Binding Of Virus To Cells", J.

Vanini, S. et al., (1992) "Discrete Regions Of HIV-1 gp41 Defined By Syncytia-Inhibiting Affinity-Purified Human

Page 16 of 17 09/888,963 Application Number Form PTO-1449 **U.S. Department of Commerce** Filing Date June 25, 2001 **Patent and Trademark Office** Graham P. Allaway et al. First Named Inventor INFORMATION DISCLOSURE CITATION Art Unit Examiner Name (Use several sheets if necessary) Attorney Docket No. 50875-DA/JPW/AG/LAD NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the T^2 Examiner Cite No.1 item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), Initials publisher, city and/or country where published. al., F.C. et (1997)"Antibodies То Several Verrier. Conformation-Dependent Epitopes Of gp120/gp41 Inhibit CCR-5-Dependent Cell-To-Cell Fusion Mediated By The Native Envelope Glycoprotein Of A Primary Macrophage-Tropic HIV-1 Isolate", Proc. Natl. Acad. Sci. 94:9326-9331 Vijh-Warrier, S, (1996) "Synergistic Neutralization Of Human Immunodeficiency Virus Type 1 By A Chimpanzee Monoclonal Antibody Against The V2 Domain Of gp120 In Combination With Monoclonal Antibodies Against The V3 Loop And The CD4-Binding Site", J. Virol. 70:4466-4473 Vila-Coro, A.J. et al., (2000) "HIV-1 Infection Through The CCR5 Receptor Is Blocked By Receptor Dimerization", Proc. Natl. Acad. Sci. 97(7):3388-3393 Vita, C. et al., (1999) "Rational Engineering Of A Miniprotein That Reproduces The Core Of The CD4 Site Interacting With HIV-1 Envelope Glycoprotein", Proc. Natl. Acad. Sci. 96:13091-13096 Wang, Z.Q. et al., (1994) "Deletion Of T Lymphocytes In Human CD4 Transgenic Mice Induced By HIV-gp120 And gp120-Specific Antibodies From AIDS Patients", Eur. J. Immunol. 24:1553-1557 Wanda, P.E., And Smith, J.D., (1982) "A General Method For Heterokaryon Detection Using Resonance Energy Transfer And A Fluorescence-Activated Cell Sorter", J. Histochem. & Cytochem. 30(12):1297-1300 Weinhold, K.J., et al., (1989) "HIV-1 gp120-Mediated Immune Suppression And Lymphocyte Destruction In The Absence Of Viral Infection", *J. Immunol*. 142:3091-3097 Wild, C. et al., (1992) "A Synthetic Peptide Inhibitor Of Human Immunodeficiency Virus Replication: Correlation Solution Structure And Viral Inhibition", Proc. Natl. Acad. Sci. 89:10537-10541 Wild, C. et al., (1993) "A Synthetic Peptide From HIV-1 gp41 Is A Potent Inhibitor Of Virus Mediated Cell-Cell Fusion", AIDS Res. Hum. Retroviruses 9:1051-1053 Wild, C. et al., (1994) "Peptides Corresponding To A Predictive Alpha-Helical Domain Of Human Immunodeficiency Virus Type 1 gp41 Are Potent Inhibitors Of Virus Infection", Proc. Natl. Acad. Sci. 91:9770-9774 Wild, C. et al., (1995) "The Inhibitory Activity Of An HIV Type

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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a checkmark here if English language Translation is attached.

(1994)

Monocyte

Receptor", Biochem. Biophys. Res. Commun. 212:1156-1162

1 Peptide Correlates With Its Ability To Interact With A Leucine Zipper Structure", AIDS Res. Hum. Retroviruses 11:323-

"cDNA Cloning And

Chemoattractant

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Form PT	'O-14 4	19 U.S. D	Department of Comi	merce	Application Number	09/888,963	
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		AIDS Retrovir Lymphadenopath Diagnosis, Publishers, Pl Yarchoan, R. of In Vitro And Implications In 6:99-111 Ylisastigui, Truncated RA	publisher, city and/e al. (1988) "Clus: Acute HIV hy and AIDS-Rel Treatment and hiladelphia, pp and Broder, S., d The In Vivo For Future Drug L. et al., (1 ANTES Inhibit AIDS 12:977-98	linica Infectiated Prec. 107- (1992) Act Devel	l Aspects of Irction Persistent Complex," AIDS evention, Lipp -109 2) "Correlations ivity Of Anti-lopment", J. Engles	Generalized: Etiology, bincott-Raven Between The HIV Agents: Eyme Inhibit.	
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